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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
MODIFIED PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/630,174
Filing Date	July 29, 2003
First Named Inventor	Bbushan Kanekar
Group Art Unit	3188-2187
Examiner Name	Reginald Glenwood Bragdon
Sheet	1
of	1
Attorney Docket No.	04546

HASHEM FARROKH

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	Cite No.	Document Number	ISSUE or PUBL. DATE (MM-DD-YYY)	Name of Patentee or Applicant of Cited Document
HF	AA	US - 6,467,019	10-15-2002	Washburn

PENDING U.S. PATENT APPLICATIONS

EXAMINER'S INITIALS	Cite No.	Application Number	Filing Date (MM-DD-YYY)	Name of Applicant
HF	AB	10/630,176	07-29-2003	Pullela et al.
HF	AC	10/630,178	07-29-2003	Kanekar et al.
HF	AD	10/355,694	01-31-2003	Priyadarshan et al.
HF	AE	10/215,719	08-10-2002	Eatherton et al.
HF	AF	10/215,700	08-10-2002	Eatherton et al.
HF	AG	10/651,179	08-28-2003	Marimuthu et al.

Examiner Signature	Hasheem Farrokh	Date Considered	10/25/05
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Generating and Merging Lookup Results to Apply Multiple Features
Application Number :	10/630174
Confirmation Number:	7653
First Named Applicant:	Bhushan Kanekar
Attorney Docket Number:	04546
Art Unit:	2187 2188
Examiner:	Reginald Glenwood Bragdon HASHEM FARROKH
Search string:	(6467019 or 6651096 or 6606681 or 6658002 or 6715029 or 6717946 or 6738862 or 6775737 or 5748905 or 6707692 or 6597595 or 6546391 or 6317350 or 6295576 or 6374326 or 6389506 or 6526474 or 6535951 or 5088032 or 5319763 or 5481540 or 5515370 or 5740171 or 5842040 or 5898689 or 5920886 or 5930359 or 6000008 or 6061368 or 6091725 or 6097724 or 6141738 or 6148364 or 6219748 or 6236658 or 6237061 or 6240485 or 6243667 or 6285378 or 6289414 or 6308219 or 6377577 or 6430190 or 6434662 or 20030231631 or 20040030802 or 20040030803 or 20030223259 or 20030005146 or 20010038554).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
HF	1	6467019	2002-10-15	Washburn	B1		
1	2	6651096	2003-11-18	Gai et al.	B1		
	3	6606681	2003-08-12	Uzun	B1		
	4	6658002	2003-12-02	Ross et al.	B1		
	5	6715029	2004-03-30	Trainin et al.	B1		
	6	6717946	2004-04-06	Hariguchi et al.	B1		
	7	6738862	2004-05-18	Ross et al.	B1		
	8	6775737	2004-08-10	Warkede et al.	B1		
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	33	6148364	2000-11-14	Srinivasan et al.			
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	35	6236658	2001-05-22	Essbaum et al.			
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	43	6430190	2002-08-06	Essbaum et al.			
▼	44	6434662	2002-08-13	Greene et al.			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
HF	1	20030231631	2003-12-18	Pullela	A1		
1	2	20040030802	2004-02-12	Eatherton et al.	A1		
1	3	20040030803	2004-02-12	Eatherton et al.	A1		
1	4	20030223259	2003-12-04	Roth	A1		
1	5	20030005146	2003-01-02	Miller et al.	A1		
▼	6	20010038554	2001-11-08	Takata et al.	A1		

Signature

Examiner Name	Date
<i>Hadem Janash</i>	10/25/05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

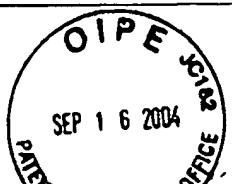
Stylesheet Version v18.0

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Attorney Docket Number:	04546						
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Examiner:	Reginald Glenwood Bragdon. HASIEM FARROKH						
Search string:	(3648254 or 4296475 or 4791606 or 4996666 or 5339076 or 5383146 or 5404482 or 5428565 or 5440715 or 5450351 or 5684954 or 5802567 or 5841874 or 5852569 or 5956336 or 5978885 or 6041389 or 6047369 or 6069573 or 6081440 or 6134135 or 6137707 or 6154384 or 6175513 or 6181698 or 6199140 or 6240003 or 6246601 or 6307855).pn						
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Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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↓	19	6069573	2000-05-30	Clark, II et al.			

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	21	6134135	2000-10-17	Andersson			
	22	6137707	2000-10-24	Srinivasan et al.			
	23	6154384	2000-11-28	Nataraj et al.			
	24	6175513	2001-01-16	Khanna			
	25	6181698	2001-01-30	Hariguchi			
	26	6199140	2001-03-06	Srinivasan et al.			
	27	6240003	2001-05-29	McElroy			
	28	6246601	2001-06-12	Pereira			
↓	29	6307855	2001-10-23	Hariguchi			

Signature

Examiner Name	Date
<u>Hudson Janah</u>	<u>10/25/05</u>



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	10/630,174
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First Named Inventor	Kanekar Bhushan
Group Art Unit	2188-2187
Examiner Name	Reginald Bragdon

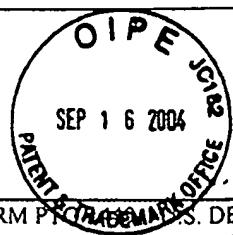
Sheet 1 of 2 Attorney Docket No. 04546

HASHEM FARROKH

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EXAMINER'S INITIALS	CITE NO.	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
HF	AA	TONG-BI PEI and CHARLES ZUKOWSKI, "VLSI Implementation of Routing Tables: Tries and CAMS," Networking in the Nineties, Proceedings of the Annual Joint Conference of the Computer and Communications Societies, New York, April 7, 1991, pages 515-524, Vol. 2, Conf. 10.
HF	AB	ANTHONY MCALEY and PAUL FRANCIS, "Fast Routing Table Lookup Using CAMs," Networking: Foundation for the Future, Proceedings of the Annual Joint Conference of the Computer and Communications Societies, Los Alamitos, March 28, 1993, pages 1382-1391, Vol. 2, Conf 12.
HF	AC	JON P. WADE and CHARLES G. SODINI, "A Ternary Content Addressable Search Engine," IEEE Journal of Solid-State Circuits, Vol. 24, No. 4, August 1989, pp. 1003-1013.
HF	AD	TEUVO KOHONEN, CONTENT-ADDRESSABLE MEMORIES, 1987, pp. 128-129 and 142-144, Springer-Verlag, New York.
HF	AE	BRIAN DIPERT, ed., "Special-purpose SRAMs Smooth the Ride," EDN, June 24, 1999, pp. 93-104.
HF	AF	"What is a CAM (Content-Addressable Memory)?," Application Brief AB-N6, Rev. 2a, Music Semiconductors, Milpitas, CA, September 30, 1998, 4 pages.
HF	AG	"Reading Out the Valid LANCAM Memory Entries," Application Brief AB-N4, Rev. 1a, Music Semiconductors, Milpitas, CA, September 30, 1998, 4 pages.
HF	AH	"Extending the LANCAM Comparand," Application Brief AB-N3, Rev. 1.0a Draft, Music Semiconductors, Milpitas, CA, September 30, 1998, 4 pages.
HF	AI	"Advantages of CAM in ASIC-Based Network Address Processing," Application Brief AB-N11, Rev. 1.2a Draft, Music Semiconductors, Milpitas, CA, September 30, 1998, 4 pages.
HF	AJ	"Virtual Memory Applications of the MU9C1480A LANCAM," Application Note AN-N3, Rev. 1a, Music Semiconductors, Milpitas, CA, September 30, 1998, 12 pages.
HF	AK	"Using the MU9C1965A LANCAM MP for Data Wider than 128 Bits," Application Note AN-N19, Rev. 1a, Music Semiconductors, Milpitas, CA, September 30, 1998, 16 pages.

Examiner Signature	Hassan Jannah	Date Considered	10/25/05
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<p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>				<p>Application Number 10/630,174</p> <p>Filing Date July 29, 2003</p> <p>First Named Inventor Kanekar Bhushan</p> <p>Group Art Unit 2188</p> <p>Examiner Name Reginald Bragdon</p>
Sheet	2	of	2	Attorney Docket No. 04546

OTHER DOCUMENTS

EXAMINER'S INITIALS	Cite No.	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
(AP)	AL	"Fast IPv4 and IPv4 CIDR Address Translation and Filtering Using the MUAC Routing CoProcessor (RCP)," Application Note AN-N25, Rev. 0a, Music Semiconductors, Milpitas, CA, October 1, 1998, 16 pages.
(MP)	AM	"Using MUSIC Devices and RCPs for IP Flow Recognition," Application Note AN-N27, Rev. 0, Music Semiconductors, Milpitas, CA, October 21, 1998, 20 pages.
(TP)	AN	"Wide Ternary Searches Using Music CAMs and RCPs," Application Note AN-N31, Rev. 0, Music Semiconductors, Milpitas, CA, April 13, 1999, 8 pages.

Examiner Signature	Hasken Jonath	Date Considered	10/25/05
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